## EAST Search History

| Ref # | Hits    | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|-------|---------|---|--|---------------------|---------|---------------------|
| L3    | 626     | (162/68 162/70).ccls.                                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2008/12/22<br>11:49 |
| L4    | 3021332 | acid presteaming  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2008/12/22<br>11:56 |
| L5    | 266     | acid and (pre-<br>steaming<br>presteaming)                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2008/12/22<br>11:57 |
| L6    | 43      | acid same (pre-<br>steaming<br>presteaming)               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2008/12/22<br>12:00 |
| L7    | 0       | acid same (pre-<br>steaming<br>presteaming) and<br>elmore | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2008/12/22<br>12:54 |
| L8    | 1       | acid and (pre-<br>steaming<br>presteaming) and<br>elmore  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2008/12/22<br>12:54 |
| L9    | 24      | acid and elmore and<br>hemicellulose                      | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2008/12/22<br>12:55 |
| L10   | 0       | Kraev and presteaming                                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2008/12/22<br>13:00 |
| L11   | 254     | Kraev   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2008/12/22<br>13:00 |
| L12   | 4       | Kraev and wood  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2008/12/22<br>13:00 |
| L13   | 7       | Kraev and chips   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2008/12/22<br>13:01 |

| L14        | 4    | korolkov and chips                                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/22<br>13:02 |
|------------|------|--|--|----|-----|---------------------|
| L15        | 5    | korolkov and wood                                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/22<br>13:02 |
| L16        | 27   | korolkov and acid                                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/22<br>13:03 |
| L17        | 0    | korolkov and steaming                                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/22<br>13:04 |
| L18        | 1    | Kraev and steaming                                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/22<br>13:04 |
| L19        | 0    | "acid impregnated"<br>same steaming and<br>kraft     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/22<br>13:19 |
| L20        | 0    | "acid impregnation"<br>same steaming and<br>kraft    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/22<br>13:19 |
| L21        | 7    | "acid impregnation"<br>same steaming                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/22<br>13:19 |
| S1         | 5847 | ELMORE   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2007/12/18<br>08:15 |
| S2         | 1    | ELMORE and acid and chips and pentosan               | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2007/12/18<br>08:15 |
| S3         | 52   | ((VIDAR) near2<br>(SNEKKENES)).INV.                  | EPO; JPO;<br>DERWENT                               | OR | OFF | 2007/12/18<br>08:24 |
| S4         | 10   | ((KRISTER) near2<br>(OLSSON)).INV.                   | EPO; JPO;<br>DERWENT                               | OR | OFF | 2007/12/18<br>08:24 |
| <b>S</b> 5 | 6    | ("3841962" "3520773"<br>"5976321" "6533896").<br>PN. | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2007/12/18<br>08:34 |
| S6         | 60   | ((VIDAR) near2<br>(SNEKKENES)).INV.                  | US-PGPUB;<br>USPAT                                 | OR | OFF | 2007/12/18<br>08:48 |

| S7  | 38   | ("3097987"  <br>"3311530"  <br>"3380883"  <br>"3413189"  <br>"4071399"  <br>"4094742"  <br>"4104113"  <br>"4155806" | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/12/18<br>08:53 |
|-----|------|---|---------------------------|----|-----|---------------------|
|     |      | "4174997"  <br>"4342831").PN. OR<br>("4436586").URPN.   |                           |    |     |                     |
| S9  | 1646 | acid and hydrolysis<br>and "162".CLAS.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/12/18<br>09:16 |
| S11 | 0    | acid and hydrolysis<br>and "162".CLAS. and<br>impregnation  | EPO; JPO;<br>DERWENT      | OR | OFF | 2007/12/18<br>09:32 |
| S12 | 6283 | acid and hydrolysis<br>and impregnation   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/12/18<br>09:32 |
| S13 | 693  | acid and hydrolysis<br>and impregnation and<br>pulp   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/12/18<br>09:32 |
| S14 | 5    | acid and hydrolysis<br>and impregnation and<br>pulp   | EPO; JPO;<br>DERWENT      | OR | OFF | 2007/12/18<br>09:33 |
| S15 | 46   | acid and pretreatment<br>and kraft and<br>"hydrogen sulfide"  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/12/18<br>12:07 |
| S16 | 1    | ("4507172").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/12/18<br>13:32 |
| S17 | 16   | "hydrogen sulfide pretreatment"   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/12/18<br>13:37 |
| S18 | 9    | ("3216887").PN. OR<br>("4507172").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/12/18<br>13:38 |
| S19 | 519  | "hydrogen sulfide"<br>and kraft   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/12/18<br>13:46 |
| S20 | 6    | "acid impregnation"<br>and kraft  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/12/18<br>14:05 |
| S21 | 7    | ("4404061"  <br>"4552616"  <br>"5004523"  <br>"5089086"  <br>"5091054"  <br>"5118389").PN. OR<br>("5587049").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/12/18<br>14:20 |
| S22 | 8    | acid near<br>(impregnation or<br>treatmnet) and kraft<br>and chips  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/12/19<br>07:40 |
| S23 | 5    | molarity and "white<br>liquor" and hydroxide  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/12/19<br>09:00 |

| S24 | 26986 | sulphide   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2007/12/19<br>09:10 |
|-----|-------|--|--|----|-----|---------------------|
| S25 | 52    | "compact cooking"                                      | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2007/12/19<br>09:36 |
| S26 | 292   | "steaming vessel" and pressure                         | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2007/12/19<br>10:25 |
| S27 | 1110  | (162/17 162/18<br>162/19 162/68).COLS.                 | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2007/12/19<br>10:54 |
| S28 | 0     | acid near chip near<br>washing                         | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2007/12/19<br>13:36 |
| S29 | 156   | acid near chip and washing                             | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2007/12/19<br>13:36 |
| S30 | 6     | acid near H2S and pulp                                 | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2007/12/19<br>13:38 |
| S31 | 3     | "compact cooking"<br>and acid                          | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2007/12/19<br>13:40 |
| S32 | 3     | "compact cooking"<br>and acid                          | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/12/19<br>13:40 |
| S33 | 289   | acid and pulp and H2S                                  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/12/19<br>13:42 |
| S34 | 4     | ("4404061"<br>"5004523").PN.                           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/12/19<br>13:51 |
| S35 | 2     | "4475984".PN.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/12/19<br>13:53 |
| S36 | 18    | recycling near acid<br>and pulping                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/12/19<br>14:37 |
| S37 | 17    | (recycle or reuse)<br>near acid and Kraft              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/12/19<br>14:44 |
| S38 | 8     | (recycle or reuse)<br>near acid and wood<br>same chips | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/12/19<br>14:49 |
| S39 | 9     | "5004523"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/12/19<br>15:14 |

| S40 | 0    | acetic near kraft  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/12/19<br>15:16 |
|-----|------|--|--|----|-----|---------------------|
| S41 | 3184 | "acetic acid" and kraft  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/12/19<br>15:17 |
| S42 | 1651 | "acetic acid" and kraft<br>and pulp  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/12/19<br>15:17 |
| S43 | 1656 | "acetic acid" and<br>"162".CLAS.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/12/19<br>15:17 |
| S44 | 314  | "acetic acid" and<br>"162".CLAS. and chips   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/12/19<br>15:18 |
| S45 | 7    | ("5338366" "6413367"<br>"3841962" "3520773"<br>"5976321").PN.  | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/01/02<br>10:02 |
| S46 | 8    | ("3841962").URPN.  | USPAT  | OR | OFF | 2008/01/02<br>10:15 |
| S47 | 24   | ("2854334"   "3192102"   "3210235"   "3331733"   "3347739"   "3560329"   "3811995"   "3841962"   "3874991").PN. OR ("4113553").URPN. | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/01/02<br>10:48 |
| S48 | 3    | ("5089086"  <br>"5779856").PN. OR<br>("6203662").URPN.   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/01/02<br>16:48 |
| S49 | 2    | "2,734,836".PN.  | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/06/04<br>17:06 |
| S50 | 1    | "4,475,984".PN.  | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/06/05<br>08:21 |
| S52 | 1    | "5635025".PN.  | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/07/07<br>07:56 |
| S53 | 70   | ((VIDAR) near2<br>(SNEKKENES)).INV.  | US-PGPUB;<br>USPAT                                 | OR | OFF | 2008/09/09<br>09:24 |
| S54 | 10   | ((VIDAR) near2<br>(SNEKKENES)).INV.<br>and acid  | US-PGPUB;<br>USPAT                                 | OR | OFF | 2008/09/09<br>09:29 |

| S55 | 53     | ((VIDAR) near2<br>(SNEKKENES)).INV.  | EPO; JPO;<br>DERWENT                               | OR | OFF | 2008/09/09<br>09:33 |
|-----|--------|--|--|----|-----|---------------------|
| S56 | 4      | ((VIDAR) near2<br>(SNEKKENES)).INV.<br>and acid  | EPO; JPO;<br>DERWENT                               | OR | OFF | 2008/09/09<br>09:36 |
| S57 | 11     | ((KRISTER) near2<br>(OLSSON)).INV.   | US-PGPUB;<br>USPAT                                 | OR | OFF | 2008/09/09<br>09:52 |
| S58 | 17     | PREX and acid and<br>"162".clas.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/09/09<br>09:53 |
| S59 | 33     | ("2089992"   "2422522"   "2829049"   "2904460"   "2943012"   "3016324"   "3098785"   "3192102"   "3811993"   "4029543"   "4050980"   "4088528"   "4235665"   "4247363"   "4372495"   "4372810"   "4444621"   "4486267").PN. OR ("4869783").URPN. | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/09/09<br>09:55 |
| S60 | 10     | (("2089992"   "2422522"   "2829049"   "2904460"   "2943012"   "3016324"   "3098785"   "3192102"   "3811993"   "4029543"   "4088528"   "4235665"   "4247363"   "4372495"   "4372810"   "4444621"   "4486267").PN. OR ("4869783").URPN.) and acid  | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/09/09<br>09:57 |
| S61 | 637770 | PREX and acid and anw wood   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/09/09<br>09:59 |

| S62 | 21   | PREX and acid and wood  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/09/09<br>09:59 |
|-----|------|---|--|----|-----|---------------------|
| S63 | 1775 | wood and (pretreatment or pre- treatment) and (impregnation or impregnator or impregnated) and acid             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/09/09<br>10:01 |
| S64 | 145  | wood and (pretreatment or pre- treatment) and (impregnation or impregnator or impregnated) and acid and recycle | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/09/09<br>10:01 |
| S65 | 10   | ((KRISTER) near2<br>(OLSSON)).INV.  | EPO; JPO;<br>DERWENT                               | OR | OFF | 2008/09/09<br>10:11 |
| S66 | 12   | acid same recycle<br>same pretreatment<br>and pulping   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/09/09<br>10:25 |
| S67 | 1    | ("3832279").URPN.   | USPAT  | OR | OFF | 2008/09/09<br>10:30 |
| S68 | 6    | ("3607619" "3560329"<br>"3558426" "3649534"<br>"3595806" "3717545").<br>PN.                                     | USPAT  | OR | OFF | 2008/09/09<br>10:32 |
| S69 | 0    | ("2747995").URPN.   | USPAT  | OR | OFF | 2008/09/09<br>10:33 |
| S70 | 7    | ("1310694" "1787953"<br>"1787954" "1864619"<br>"2065396" "221066"<br>"2614923" "2614748").<br>PN.               | USPAT  | OR | OFF | 2008/09/09<br>10:35 |
| S71 | 8    | SO2 and pretreatment and pulping  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/09/09<br>10:37 |
| S72 | 336  | impregnation same<br>recycling  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/09/09<br>10:39 |
| S73 | 34   | impregnation same<br>recycling and "162".<br>clas.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/09/09<br>10:39 |
| S74 | 1371 | (162/9 162/42 162/70<br>162/76 162/59).ccls.  | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/09/10<br>07:46 |

| S75 | 336   | (162/9 162/42 162/70<br>162/76 162/59 162/19<br>162/38).ccls. and<br>digester and acid   | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/09/10<br>08:25 |
|-----|-------|--|--|----|-----|---------------------|
| S76 | 210   | (162/42 162/41).ccls.  | US-PGPUB;<br>USPAT                                 | OR | OFF | 2008/09/10<br>10:12 |
| S77 | 14    | "steaming vessel" same acid  | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/12/18<br>11:35 |
| S78 | 16    | "steaming vessel"<br>same acid   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>11:39 |
| S79 | 14425 | ((steam or steaming)<br>same vessel) same2<br>acid   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>11:41 |
| S80 | 1275  | ((steam or steaming)<br>near2 vessel) same2<br>acid  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>11:41 |
| S81 | 62    | ((steam or steaming)<br>near2 vessel) same2<br>acid and "162".clas.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>11:42 |
| S82 | 12    | acid near3 (pre-<br>hydrolysis<br>prehydrolysis<br>pretreatment pre-<br>treatment) and<br>"steaming vessel" and<br>"162".clas. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>11:59 |
| S83 | 1     | acid near3 (pre-<br>hydrolysis<br>prehydrolysis<br>pretreatment pre-<br>treatment) and "chip<br>bin" and "162".clas.           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>12:28 |
| S84 | 6     | "655462".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:11 |
| S85 | 2     | "0655462".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:11 |
| S86 | 1     | acid near3 "steaming<br>vessel" and "162".<br>clas.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:16 |

| S87 | 1 | acid near5 "steaming<br>vessel" and "162".<br>clas.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:17 |
|-----|---|--|--|----|-----|---------------------|
| S88 | 0 | acidic near5<br>"steaming vessel" and<br>"162".clas. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:17 |
| S89 | 0 | acid near5 "chip bin"<br>and "162".clas.             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:17 |
| S90 | 0 | acid near5 "chip bin"<br>and pulping                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:17 |
| S91 | 1 | acid near5 "steaming<br>vessel" and pulping          | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:18 |
| S92 | 1 | acid near5 "steaming<br>vessel" and pulp             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:18 |
| S93 | 1 | acid near5 "steam<br>vessel" and pulp                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:19 |
| S94 | 6 | acid near5 "steam<br>vessel"                         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:19 |
| S95 | 3 | acid near5 "steaming<br>vessel"                      | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:19 |
| S96 | 0 | acid near5 "chip bin"<br>and pulp                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:19 |
| S97 | 7 | acid same "chip bin"<br>and pulp                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:20 |
| S98 | 8 | acid same "steaming<br>vessel" and pulp              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:21 |

| S99  | 16     | acid same2 "steaming<br>vessel" and pulp                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:23 |
|------|--------|--|--|----|-----|---------------------|
| S100 | 16     | acid same2 "steaming<br>vessel" and (pulp or<br>pulping) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:23 |
| S101 | 289    | acid same "steaming"<br>and (pulp or pulping)            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:24 |
| S102 | 381    | "acid treatment" and<br>"162".clas.                      | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:33 |
| S103 | 162    | "acid treatment" and<br>"162".clas. and<br>pulping       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:33 |
| S104 | 68     | "acid pretreatment"<br>and "162".clas. and<br>pulping    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>14:33 |
| S105 | 4      | "hydrogen sulfide<br>generation" and<br>pulping          | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/12/18<br>14:41 |
| S106 | 232    | "hydrogen sulfide"<br>and pulping and "162".<br>clas.    | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/12/18<br>14:42 |
| S107 | 2      | "7279070".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>16:02 |
| S108 | 139238 | karstens ties  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>16:19 |
| S109 | 41     | karstens and ties  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>16:19 |
| S110 | 14     | karstens and ties and acid                               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>16:19 |
| S111 | 7      | karstens and ties and<br>acid and pulp                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>16:19 |

| S112 | 4  | "3,632,469".PN.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/18<br>16:28 |
|------|----|---|--|----|-----|---------------------|
| S113 | 31 | ("2166330"  <br>"2878118"  <br>"3345250").PN. OR<br>("3632469").URPN.                               | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/12/18<br>16:33 |
| S114 | 2  | "5672245".PN.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/22<br>10:21 |
| S115 | 10 | ("3393121"  <br>"3886035"  <br>"4002528"  <br>"5302247"  <br>"5401361").PN. OR<br>("5672245").URPN. | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/12/22<br>10:24 |

12/ 22/ 2008 1:20:34 PM C:\ Documents and Settings\ ACALANDRA\ My Documents\ EAST\ Workspaces\ acid pretreatment before CC.wsp